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joined respectively to the recessed portions. The energy generating elements act on the ink and discharge it through the flow passages.--

IN THE CLAIMS

Please amend Claims 7 and 11 to read as follows. For the Examiner's convenience, a copy of all the pending claims are presented below. A marked-up version of the amended claims, showing the changes made thereto, is also attached.

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7. (Amended) A method of manufacturing an ink jet head having a substrate which includes a plurality of energy generating elements for generating energy utilized to discharge ink, said substrate having a plurality of recessed portions, said plurality of recessed portions having a bottom surface located at a position which is lower than a position of a heat acting surface of said substrate, and a wall member joined to said substrate, said wall member having a plurality of flow passage walls which define a plurality of flow passages when said substrate is joined to said wall member, the energy generated by said energy generating elements acting on the ink to discharge the ink through the plurality of flow passages, said method comprising the steps of:

providing the plurality of recessed portions in said substrate;

fitting said recessed portions to said flow passage walls of said wall member by applying a force to said wall member along a direction in which said plurality of energy

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generating elements are arranged, thereby aligning said flow passages with said energy generating elements.

8. (Not Amended) The method of manufacturing an ink jet head according to claim 7, further comprising the steps of:

providing a raised convex pattern of material on a surface of said substrate at an end portion thereof in a direction in which said plurality of energy generating elements are arranged, and wherein said wall member has a recessed portion corresponding to said convex pattern.

9. (Not Amended) The method of manufacturing an ink jet head according to claim 8, wherein said recessed portion of said wall member is provided within a dummy nozzle portion.

10. (Not Amended) The method of manufacturing an ink jet head according to claim 7, wherein said convex pattern is made at least one of an epoxy and a silicone type photosensitive material.

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11. (Amended) A method of manufacturing an ink jet head having a substrate which includes a plurality of energy generating elements for generating energy utilized for discharging ink, said substrate having a plurality of recessed portions, said plurality of recessed portions having a bottom surface located at a position which is lower than a position of a heat acting surface of said substrate, and a wall member joined to said substrate and having a plurality of flow passage walls which define a plurality of flow passages when said substrate is joined to said wall member, the energy generated by said energy generating elements acting on the ink to discharge the ink through the plurality of flow passages, said method comprising the steps of:

providing the plurality of recessed portions in said substrate;
fitting said recessed portions to said flow passage walls of said wall member by vibrating said substrate so that a force having at least a component acting in a direction in which said plurality of energy generating elements are arranged is applied to said wall member, thereby aligning said flow passages with said energy generating elements.

12. (Not Amended) The method of manufacturing an ink jet head according to claim 11, further comprising the steps of:

providing a raised convex pattern of material on a surface of said substrate at an end portion thereof in a direction in which said plurality of energy generating elements are arranged, and wherein said wall member has a recessed portion corresponding to said convex pattern.

13. (Not Amended) The method of manufacturing an ink jet head according to claim 12, wherein said recessed portion of said wall member is provided within a dummy nozzle portion.

14. (Not Amended) The method of manufacturing an ink jet head according to claim 11, wherein said convex pattern is made at least one of an epoxy and a silicone type photosensitive material.

15. (Not Amended) The method of manufacturing an ink jet head according to claim 11, wherein said substrate is vibrated by vibrations having an amplitude which is smaller than a width of said recessed portion formed in said substrate.